

1. A switch cabinet (10) for a wind turbine with at least one circuit element (20) accommodated in said switch cabinet (10) and a drying arrangement for preventing a water deposition onto the at least one circuit element (20),

5 characterized in that

10 the drying arrangement comprises a device (30) for generating an air flow in a region of the at least one circuit element (20).

15 2. The switch cabinet (10) according to claim 1, characterized in that the drying arrangement comprises at least one heating device (32; 132) for heating the air in the neighborhood of the at least one circuit element (20).

20 3. The switch cabinet (10) according to claim 1 or 2, characterized in that the drying arrangement comprises a cooling element (36; 136) for separating water from air flowing by, said cooling element being spaced from said at least one circuit element (20), as well as at least one drain element (38, 40) for draining the separated water out of the switch cabinet (10).

25 4. The switch cabinet (10) according to claim 3, characterized in that the flow generating device (30) is operable for generating an air flow, which circulates within said switch cabinet (10) and thereby moves past the at least one circuit element (20) and the cooling element (36; 136).

30 5. The switch cabinet (10) according to claim 3 or 4, characterized in that the heating device (132) and the cooling element (136) comprise a Peltier element (130).

6. The switch cabinet (10) according to claim 5, characterized in that the flow generating device (30) comprises a plate-like flow guidance element (34) interspersed with said Peltier element (130), wherein the at least one circuit element (20) is disposed at a side of the flow guidance element (34) facing the warmer part of the Peltier element (130)

7. The switch cabinet (10) according to any of the preceding claims, characterized by a control device which controls the drying arrangement depending on temperature and/or air humidity within and/or outside said switch cabinet (10).

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8. A method for operating a wind turbine, wherein at least one operational parameter of the wind turbine is controlled by at least one circuit element (20) accommodated in a switch cabinet (10) and wherein the deposition of condensation water onto said at least one circuit element (20) is counteracted, characterized in that an air flow is generated in the internal space of the switch cabinet (10) in the region of the at least one circuit element (20) for preventing the deposition of water onto the at least one circuit element (20).

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9. The method according to claim 8, characterized in that the air in the region of the at least one circuit element (20) is heated.

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10. The method according to claim 8 or 9, characterized in that condensation water is separated at a cooling element (36; 136) spaced from said at least one circuit element (20) and is drained out of the switch cabinet (10).

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11. The method according to claim 9 or 10, characterized in that the air is heated by a Peltier element (130) which is also used as a cooling element (36; 136).

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12. The method according to any of claims 8 to 11, characterized in that the generation of the air flow, the heating of the air and/or the activation of the cooling element (36; 136) is controlled depending on temperature and/or air humidity within and/or outside the switch cabinet.